

HISTORIC AMERICAN ENGINEERING RECORD

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HAER
WASH
22-TACO
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North Twenty-First Street Bridge
(Buckley Gulch Bridge)
(North Twenty-First Street Viaduct)
Spanning Buckley Gulch on North 21st Street
Tacoma
Pierce County
Washington

HAER No. WA-83

NOTE: Photographs were taken by John Stamets, photographer, January-February 1993

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| WA-83-1 | ELEVATION VIEW OF SOUTH SIDE OF BRIDGE, AS SEEN FROM BUCKLEY GULCH, LOOKING NORTH |
| WA-83-2 | VIEW OF NORTH SIDE OF BRIDGE, AS SEEN FROM BUCKLEY GULCH |
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| WA-83-6 | ELEVATION VIEW OF FENCE SECTION ON NORTH SIDE OF BRIDGE. SECTION IS FOURTH SECTION FROM WEST SIDE. |
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| WA-83-9 | DETAIL VIEW OF POST AT SOUTHWEST END OF BRIDGE |
| WA-83-10 | PERSPECTIVE VIEW OF SOUTH SIDE OF BRIDGE, LOOKING NORTHWEST. PARTIAL SECTION OF FENCE AT FAR RIGHT IS PART OF THE FIFTH SECTION OF EXISTING FENCE, AS COUNTED FROM EAST END OF BRIDGE. |

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- WA-83-11 **DETAIL VIEW OF SOUTHEAST COLUMN, LOOKING NORTHEAST**
- WA-83-12 **ELEVATION VIEW UNDERNEATH BRIDGE, SHOWING FOUR BEAMS RESTING ON PILASTERS AT WEST END OF BRIDGE**
- WA-83-13 **ELEVATION VIEW UNDERNEATH BRIDGE, LOOKING WEST FROM EAST SET OF COLUMNS**
- WA-83-14 **ELEVATION VIEW UNDERNEATH BRIDGE, LOOKING EAST FROM WEST SET OF COLUMNS**

The following is a photocopy of an original c.1911 photograph in the possession of the Washington State Historical Society in Tacoma, Washington. The photograph is contained in an anonymous album of neighborhood photographs (Album #198, Photo #15649; photographer unknown).
[HAER photograph is an 8x10" enlargement from a 4x5" negative.]

- WA-83-15 **VIEW OF BRIDGE, LOOKING NORTHEAST, SHOWING NORTH TWENTY-FIRST STREET BRIDGE AT FIFE STREET. NOTE LAMP POSTS WHICH WERE LATER REMOVED.**

The following are photocopies of original 1910 drawings by bridge designers Waddell and Harrington, who labelled them Sheets No. 1 through No. 5. The originals are located at the Tacoma Department of Public Works, Tacoma, Washington.
[The photocopies of WA-83-16 through WA-83-20 are 8x10" contact prints made from 8x10" high-contrast copy film.]

- WA-83-16 **"GENERAL LAYOUT" INCLUDES PLAN VIEW, SOUTH SIDE ELEVATION VIEW FROM BUCKLEY GULCH AND CROSS SECTION THROUGH SUPPORTING PIERS. Sheet No. 1.**
- WA-83-17 **TYPICAL CROSS SECTION. ALSO DETAILS OF HAND RAIL AND CROSS BEAMS FOR PIPES. Sheet No. 2.**
- WA-83-18 **DETAILS OF CROSS GIRDERS, CANTILEVERS, COLUMNS AND PEDESTALS. Sheet No. 3.**
- WA-83-19 **DETAILS OF MAIN GIRDERS, LAMP POST, AND PLATES. Sheet No. 4.**
- WA-83-20 **DETAILS OF ABUTMENTS. Sheet No. 5.**